Metabo ASC 145

Metabo ASC 145 8A 12-36V Air Cooled Quick Charger User Manual

Introduction

This manual provides essential information for the safe and efficient use of your Metabo ASC 145 8A 12-36V Air Cooled Quick Charger. Please read these instructions carefully before operating the device and keep them for future reference. The Metabo ASC 145 is designed for rapid charging of all Metabo slide-on battery packs ranging from 12V to 36V, incorporating advanced features for battery longevity and performance.



An image showing the Metabo ASC 145 Air Cooled Quick Charger, a black unit with red accents, featuring the 'AIR COOLED' label on the side and 'metabo 12V-36V ASC 145' branding on the front. This charger is designed for efficient and rapid battery charging.

Setup

1. **Unpacking:** Carefully remove the charger from its packaging. Inspect the charger for any signs of damage during transit. Do not use the charger if it appears damaged.
2. **Power Connection:** Connect the charger's power cord to a standard 120V AC power outlet. Ensure the outlet is easily accessible and properly grounded. The charger is designed for 120 Volts input.
3. **Placement:** Place the charger on a stable, flat surface in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure adequate space around the charger for air circulation, which is crucial for its air-cooled function.

Operating Instructions

The Metabo ASC 145 charger utilizes advanced technology for optimal battery charging and longevity.

1. **Inserting the Battery Pack:** Slide the Metabo 12V-36V slide-on battery pack firmly into the charging slot on the charger. Ensure it clicks securely into place.
2. **Charging Process:** The charger will automatically begin the charging process. It features a microcontroller that constantly monitors voltage flow, temperature, and maximum temperature. The charging current is 6.5 Amps.
3. **Air-Cooled Function:** During charging, the patented air-cooled system actively cools the battery pack. This ensures the battery is maintained at an optimum temperature, which significantly extends the battery pack's service life and allows for up to 30% shorter total charging times.
4. **Charging Completion:** The charger will automatically terminate the charging process once the battery pack is fully charged. This prevents overcharging and further contributes to battery longevity.
5. **Compensation Charge:** To maintain the battery's capacity and health, the charger will switch to a compensation (maintenance) charge after the main charging cycle is complete.
6. **Removing the Battery Pack:** Once charging is complete, press the release button (if applicable) and slide the battery pack out of the charger.

Maintenance

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe down the exterior of the charger. Do not use abrasive cleaners, solvents, or immerse the charger in water. Ensure the ventilation slots remain clear of dust and debris to maintain the air-cooled function.
- **Storage:** When not in use, store the charger in a clean, dry place, away from extreme temperatures and direct sunlight.
- **Inspection:** Periodically inspect the power cord and charger housing for any signs of damage. If any damage is found, discontinue use and contact Metabo service.

Troubleshooting

Problem	Possible Cause	Solution
Charger not operating / No indicator lights	No power supply; Faulty outlet; Damaged power cord.	Check power connection; Try a different outlet; Inspect power cord for damage.
Battery not charging	Battery not properly inserted; Battery is defective; Charger is defective.	Ensure battery is fully seated; Try a different battery (if available); Contact Metabo service.

Problem	Possible Cause	Solution
Charging process is slow	Extreme ambient temperature; Ventilation slots blocked.	Ensure charger is in a well-ventilated area; Clear any obstructions from ventilation slots.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Metabo customer support.

Specifications

- **Model:** ASC 145
- **Brand:** Metabo
- **Input Voltage:** 120 Volts
- **Output Voltage:** 12-36 Volts (for battery packs)
- **Current Rating:** 6.5 Amps
- **Item Weight:** 1.7 pounds
- **Package Dimensions:** 7.5 x 6 x 3 inches
- **ASIN:** B089P2QP2S
- **Global Trade Identification Number:** 04061792155077
- **Manufacturer:** Metabo
- **Date First Available:** January 6, 2022

Warranty Information

Metabo provides a **3-year warranty** on all Metabo battery packs and chargers, irrespective of the number of charging cycles. This warranty covers defects in material and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the official Metabo warranty documentation or website.

Customer Support

For further assistance, technical support, or service inquiries regarding your Metabo ASC 145 charger, please visit the official Metabo website or contact their customer service department. You can find more information and contact details by visiting the Metabo Store on Amazon or their corporate website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question